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(51) INT CL⁷
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(52) UK CL (Edition S)
E1F FJT FLA
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(56) Documents Cited
GB 2347952 A GB 2347950 A GB 2344606 A
GB 1137310 A EP 0881354 A WO 99/35368 A
WO 98/00626 A US 5924745 A US 4707001 A
US 4703959 A US 4648627 A US 4577895 A
US 4501443 A

(58) Field of Search
UK CL (Edition S) E1F F2J FLA, F2G
INT CL⁷ E21B, F16L
Online: WPI, EPODOC, JAPIO

(72) cont
Robert D Mack
Alan B Duell
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(74) continued overleaf

(54) Abstract Title
Wellbore casing with radially expanded liner extruded off of a mandrel

(57) An expandable threaded connection includes a first tubular member, a second tubular member and a threaded connection for coupling the tubular members that includes one or more sealing members.

GB 2 355 738 A

This international application was published on 21 December 2000. The international search is not available and, therefore, the search incorporated into this document has been made under Section 17.

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Application No: GB 0016917.7
Claims searched: 1

Examiner: David Pepper
Date of search: 25 September 2000

Patents Act 1977
Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.R): E1F FJT, FLA

Int Cl (Ed.7): E21B

Other: Online: WPI, EPODOC, JAPIO

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X,E	GB 2347952 A (Shell Int Research)	1
X,E	GB 2347950 A (Shell Int Research)	1
X,E	GB 2344606 A (Shell Int Research)	1
X	EP 0881354 A (Sofitech N.V.)	1
X	WO 99/35368 A (Shell Int Research) - see figure 4	1
X	WO 98/00626 A (Shell Int Research)	1

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| X | Document indicating lack of novelty or inventive step | A | Document indicating technological background and/or state of the art. |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention. |
| & | Member of the same patent family | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |



Application No: GB 0016917.7
Claims searched: 43-52

Examiner: David Pepper
Date of search: 25 January 2001

Patents Act 1977
Further Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.S): F2G

Int Cl (Ed.7): F16L

Other: Online: WPI, EPODOC, JAPIO

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 1137310 A (Commissariat a l'Energie Atomique)	-
A	US 5924745 A (Petroline Wellsystems Ltd)	-
X	US 4707001 A (Seal-Tech Inc) - see col 5, lines 9-37	43-45
X	US 4703959 A (Hydril Co)	43-45
X	US 4648627 A (Dril-Quip Inc) - see col 4, lines 25-39	43-45, 47
X	US 4577895 A (Hub City Works Inc) - see col 2, lines 40-54	43, 44
A	US 4501443 A (Mannesmann Aktiengesellschaft)	

- X Document indicating lack of novelty or inventive step
Y Document indicating lack of inventive step if combined with one or more other documents of same category.
& Member of the same patent family
- A Document indicating technological background and/or state of the art
P Document published on or after the declared priority date but before the filing date of this invention.
E Patent document published on or after, but with priority date earlier than, the filing date of this application.

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INVESTOR IN PEOPLE

Application No: GB 0016917.7
Claims searched: 59-63

Examiner: David Pepper
Date of search: 25 January 2001

Patents Act 1977
Further Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.5): E1F FLA

Int Cl (Ed.7): E21B

Other: Online: WPI, EPODOC, JAPIO

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A,P	GB 2344606 A (Shell Internationale Research Maatschappij B.V.)	

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| & | Member of the same patent family | B | Patent document published on or after, but with priority date earlier than, the filing date of this application. |